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ABSTRACT

This booklet contains 25 abstracts of research and development projects funded in the fiscal year of 1971 for the Research and Development Unit of Illinois Division of Vocational and Technical Education. Intended to make educators and the general public aware of research and developmental activities in vocational education in Illinois, these abstracts include the project objectives and their procedures of implementation. Major goals in 1971 included exemplary activities designed to enrich and broaden vocational education in the following areas: (1) planning and decision making at the local and state levels, (2) instructional innovation emphasizing contemporary occupational needs, (3) effective evaluation of contracted research, (4) dissemination of all research activities, and (5) activities aimed at implementing a fully articulated career development program from Kindergarten through Grade 14. For each project, the name of the principal investigator, the sponsoring institution, and funding data are provided. (Author/AG)

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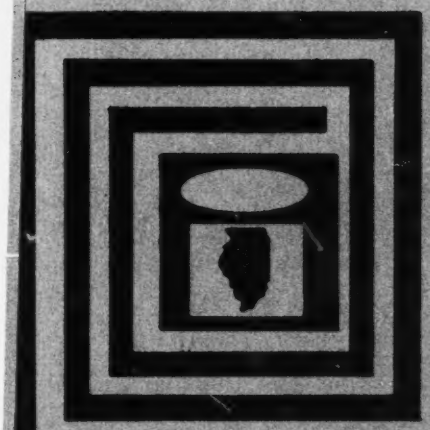

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real estate transportation wholesaling dental services medical services
service supervisor inhalation therapy technician x-ray technician optician
education home management care and guidance of children food manage
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ABSTRACTS OF RESEARCH and DEVELOPMENT PROJECTS

FISCAL 1971

VT018754

RESEARCH and DEVELOPMENT UNIT | BULLETIN NO. 27-970

State of Illinois
BOARD OF VOCATIONAL EDUCATION AND REHABILITATION
DIVISION OF VOCATIONAL AND TECHNICAL EDUCATION
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INTRODUCTION

The Research and Development Unit is one of three units in the Division of Vocational and Technical Education engaged in special contractual agreements. The Research and Development Unit is responsible for encouraging, stimulating, and assisting with research, developmental, and exemplary activities designed to enrich and broaden vocational education.

Major objectives this fiscal year include activities designed to expedite planning and decision making at the local and state levels; activities aimed at the innovation of new programs emphasizing contemporary occupational needs; the effective evaluation of contracted research; the dissemination of all research activities; and activities designed to implement a fully articulated K-14 career development program.

This booklet of abstracts of projects funded in Fiscal year 1971 has been prepared so that educators and the general public may be aware of Research and Developmental activities in vocational education in Illinois.

More specific information about each project may be obtained by contacting the principal investigator or by contacting the Research and Development Unit.

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Contract Number RDB-B1-002

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: A Research and Development Project in Occupational Education: The Development of Process Models for Decision-Making in Curriculum Development and Evaluation

PRINCIPAL INVESTIGATOR (S): Joseph Borgen and Dwight Davis

INSTITUTION: Joliet Junior College

LOCATION: Route 3, Houbolt Ave. (Street) Joliet (City) Illinois (State) 60436 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 84,148.00

SOURCE OF FUNDS: Part C $ _____ (Amount) ; Part B $ 67,178.00 (Amount) ; Part D $ _____ (Amount)

OBJECTIVES OF PROJECT:

1. To develop process models for curriculum development in occupational education.
2. To develop guidelines for the utilization and application of the process models.
3. To conduct a series of workshop sessions for the orientation of curriculum planners to the utilization of the process models.
4. To promote research on related problems.

PROCEDURES OF IMPLEMENTATION:

1. Review the literature, meet with selected consultants, and conduct other investigations necessary to develop process models in the following areas of curriculum development and evaluation:
   a) Program Identification
   b) Program Development
   c) Program Implementation
   d) Program Execution
   e) Program Evaluation
2. Apply the models in a pilot setting at Joliet Junior College.
3. Develop guidelines for the application and utilization of the models with particular attention to the resources and evaluative criteria affecting each activity of the model.
4. Conduct workshop sessions with consultants and curriculum planners from other high schools and colleges in Illinois for refinement of the models and broadened applications for model testing.
5. Conduct workshop sessions in cooperation with teacher training institutions and the State Board Division of Vocational-Technical Education staff for training curriculum planners in the use of the models.
6. Conduct a program of dissemination related to the development, application, and testing of the models.

Contract Number RDB-B1-003

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: Facilitating Career Development at the Elementary Level

PRINCIPAL INVESTIGATOR (S): Larry J. Bailey

INSTITUTION: Southern Illinois University

LOCATION: _____ Carbondale Illinois 62901
Street City State Zip

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 60,346.00

SOURCE OF FUNDS: Part C $ _____ (Amount) ; Part B $ 43,586.00 (Amount) ; Part D $ _____ (Amount)

OBJECTIVES OF PROJECT:

The primary objectives of the study are to: (1) provide teacher educators and classroom teachers with a career development model relating age, vocational developmental stages, vocational developmental tasks, educational objectives, and behaviorally oriented occupational content in a definitive way. (2) Develop curriculum guides and supporting instructional materials. (3) Develop systematic programs for the preparation of teacher educators, classroom teachers, and guidance personnel.

PROCEDURES OF IMPLEMENTATION:

Activities for Fiscal 1971 will consist of the synthesis and interpretation of literature and supporting research, and formulation and validation of a career development model. Tentatively, the model will be schematized as vocational developmental stages, vocational developmental tasks and an inventory of coping behaviors which characterize each task.

Secondly, an instructional system will be designed and teacher's guides and curriculum materials will be prepared. Selected schools will be provided preliminary forms of the curriculum guides and instructional materials for pilot testing. During this period an attempt will be made to answer such queries as: Do the curriculum guides and instructional materials facilitate the expected performance? Are adequate alternatives in content, learning experience, and motivation available? Do curricular components demonstrate optimum capability in carrying out functions? Over simplified, the purpose of this phase will be to ensure that the objectives of the system are being met or, if not, that adjustments will be introduced in order to correct the system. A revision of curriculum materials will take place preparatory to final printing and dissemination.

Contract Number RDB-B1-005

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: Commercial Horticultural Skill-Practices Institute for Illinois Elementary, Secondary, Junior College Instructors: A Private Industry Approach

PRINCIPAL INVESTIGATOR (S): Theodore Buila

INSTITUTION: Southern Illinois University

LOCATION: _____ (Street) Carbondale (City) Illinois (State) 62901 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 28,829.00

SOURCE OF FUNDS: Part C $ _____ (Amount) ; Part B $ 19,963.00 (Amount) ; Part D $ _____ (Amount)

OBJECTIVES OF PROJECT:

The Horticultural Skill-Practices Institute is concerned with: (1) strengthening the practical horticultural skills of existing Illinois Educational staff (K-14), particularly instructors employed in metropolitan area school districts, and (2) to provide Illinois a base cadre of marketplace oriented instructors to initiate, maintain and develop relevant horticultural instruction ranging from applied "green biology" in the elementary school to specific occupational training in the higher grades.

PROCEDURES OF IMPLEMENTATION:

The scheduling format includes twenty-nine days of instruction plus options for additional supervised work-outs. Six sessions, the first scheduled for October 1970, will be utilized to maximize skill-practice instruction during normal/peak seasons. Institute class/curricular components (10) range from controlled Growing Environments and Landscaping to Nursery Management and Commercial Plant Propagation Techniques. Participation is limited to approximately fifteen instructors (5 elementary, 7 high school, 3 junior college) teaching in the greater Chicago, greater East St. Louis, and urban centers of Central Illinois.

Instruction and skill training will be executed by the DuPage Horticultural School under contract from Southern Illinois University, i.e., responsibility for instruction rests with DPH and program coordination with SIU. Institute evaluation will utilize cost effectiveness/benefit techniques to determine the immediate benefits accruing to the institute program.

Contract Number RDB-A1-011

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: The World of Work as an Organizing Center for the Curriculum of Elementary Schools

PRINCIPAL INVESTIGATOR (S): Walter Wernick

INSTITUTION: Northern Illinois University

LOCATION: _____ (Street) DeKalb (City) Illinois (State) 60115 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 264,979.00

SOURCE OF FUNDS: Part C $ _____ (Amount) ; Part B $ 110,726.00 (Amount) ; Part D $ _____ (Amount)

OBJECTIVES OF PROJECT:

1. To develop a model program for the elementary school.
2. To develop materials necessary for the implementation of the model.
3. To test parts of the model in authentic clinical settings.
4. To plan with selected school systems as they diagnose their utilization of resources and talent for instructional purposes.
5. To portray the instructional alternatives available to teachers and/or administrators in visible behavioral forms. Dissemination materials will be drawn from authentic classroom situations.
6. To produce materials and consultant talent for use in teacher education and in-service education programs.
7. To influence professionals in elementary education so that a healthy self-image of the child can be vigorously developed through direct and frequent study of the "World of Work."

PROCEDURES OF IMPLEMENTATION:

1. Study past, existing and planned programs for ideas to focus the development of a model.
2. Communicate with school systems regarding the nature and scope of the project and select teachers and change-agents for clinical roles.
3. Establish, maintain and service a feedback loop with participating public school and university faculties.
4. Diagnose strategic points of entry and begin building "visible" instructional programs.
5. Acquire materials and services to augment the data collection and feedback programs.
6. Evaluate each event of the parts of the project so that decision-making will be based upon information gathered from each sub-step. Modifications will be initiated and evaluated as parts of the original model.
7. Produce and assemble displays, brochures, slide programs and films utilizing the resources of the university and the talents of the participating teachers.
8. Disseminate materials and services to participating school systems, Northern's teacher education program and to selected educational personnel.
9. Provide teachers with methods of pedagogical self-renewal and arrange workshops for individuals with diverse views to discuss the World of Work as an organizing center for the curriculum of the elementary school.

Contract Number RDB-B1-012

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: System for Individualizing Vocational Education

PRINCIPAL INVESTIGATOR (S): Thomas Koerner

INSTITUTION: Niles Township High School

LOCATION: Oakton at Edens Expressway (Street) Skokie (City) Illinois (State) 60076 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 32,768.00

SOURCE OF FUNDS: Part C $ _____ (Amount) ; Part B $ 16,486.00 (Amount) ; Part D $ _____ (Amount)

OBJECTIVES OF PROJECT:

The primary purpose is to develop a system to individualize instruction for students in vocationally oriented courses in the industrial arts, home economics, and business education departments as well as in the cooperative vocational education program.

Specific goals include: 1. Training a cadre of teachers for programming instructional materials in vocational education courses most suitable for the audio-visual mode. 2. Designing an instructional system which will be responsive to the individual learning patterns of a variety of students in vocational education. 3. Testing and evaluating the system's capability to enable participating students to achieve learning; in short, determining the degree to which the materials meet the needs for which they were designed.

PROCEDURES OF IMPLEMENTATION:

The technique for individualizing instruction is through electronically supported programmed instruction. Units of instruction are put into an audio-visual mode to be used by individual students as their learning needs require.

Specific implementation includes: 1. In-service education will be given to selected teachers, training them in the proposed instructional system. 2. Teachers from this group will be picked to prepare instructional modules. 3. Teachers developing the instructional modules will test and revise them in actual situations. 4. Consultants will be available to insure appropriate instructional use of the materials as well as evaluation of them.

Contract Number RDC-A0-013

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: Cooperative Junior College Computer Study

PRINCIPAL INVESTIGATOR (S): Dr. Carl E. Thornblad, Mr. Edwin Fitzgibbon

INSTITUTION: Illinois Junior College Board

LOCATION: 544 Iles Park Place (Street) Springfield (City) Illinois (State) 62706 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 8,000.00

SOURCE OF FUNDS: Part C $ 2,000.00 (Amount) ; Part B $ _____ (Amount) ; Part D $ _____ (Amount)

OBJECTIVES OF PROJECT:

The basic objectives of the study are: (1) A review of the present "state of the art" of computer utilization as it relates to education. (2) An analysis of current usage of computers by public junior colleges in Illinois including the purpose and services rendered by each installation. This review will include the current usage, staffing, equipment and cost. (3) A detailed near term projection of the items mentioned above and a general five-year projection through fiscal year 1975. (4) Various alternatives of providing the same type of services as currently provided and as projected will be studied with suggestions as to which appear to be the most economically feasible.

PROCEDURES OF IMPLEMENTATION:

The project staff is guided by an Advisory Board representing the agencies and colleges involved. Qualified technical consultants are retained to assist the staff with the technical aspects of the study as required. A data gathering instrument was prepared by a technical committee, submitted to cooperating institutions and tables reporting the raw data (Data Report) were prepared. The data report was submitted to a panel of nationally recognized experts in the field of computer utilization for review, discussion and evaluation. Each of the expert consultants prepared a report evaluating their analysis of the situation and the possibilities and trends that appear to be developing. From the information contained in the Data Report, an Evaluation Report is being prepared that will contain the findings and suggestions of the panel of consultants. Copies of both reports (Evaluation Report and Data Report) will be reviewed by the Advisory Committee who will issue a final report of the project based upon its evaluation of the two previous reports.

Contract Number RDD-A1-015

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: An Exemplary Program in Prosthetic-Orthotic Education

PRINCIPAL INVESTIGATOR (S): Walter Komiak

INSTITUTION: Fenger-Southeast College of City College of Chicago

LOCATION: 8600 So. Anthony Avenue (Street) Chicago (City) Illinois (State) 60617 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 141,073.00

SOURCE OF FUNDS: Part C $ _____ (Amount) ; Part B $ _____ (Amount) ; Part D $ 45,000.00 (Amount)

OBJECTIVES OF PROJECT:

The primary objective of this project is to develop and expand the collaborative vocational education program in prosthetics-orthotics between the Fenger-Southeast College (A College of Illinois Junior College District #508) and the Northwestern University Medical School. Prosthetics and orthotics are those fields of physical rehabilitation medicine which deal with artificial appliances for the human body. Prosthetics deals with artificial limbs (prostheses) and orthotics deals with bracing (orthoses) for the human body. The program is designed to provide professional and general education to individuals for direct job entry into the prosthetic-orthotic design, fitting and fabricating field.

The program is of two years duration and is designed to provide the student with an extensive background in anatomy and physiology, as well as in shop and laboratory skills, so that he can perform well in a clinical setting. The specialized instruction at Northwestern University Prosthetic-Orthotic Center with patients in a clinical situation occurs during the sophomore year of the program.

PROCEDURES OF IMPLEMENTATION:

The general features of this collaborative arrangement for implementation of this program are as follows:
The college provides the overall supervision for this program as required by the Illinois Junior College Board and is responsible for: (1) the selection, testing, counseling and matriculation of the students (2) provides instruction in the general education area as well as in the introductory technical courses in Prosthetics and Orthotics (3) awarding the Associate of Applied Science Degree to those students successfully meeting the graduation requirements.

The Northwestern University Medical School (Prosthetic-Orthotic Center) is responsible for: (1) providing instruction in the specialized technical courses to the sophomore college students. (2) counseling these students on technical matters. Common responsibilities of both institutions consists of: (1) Planning, implementation and periodic evaluation of the objectives of the program and of the performance of students, faculty and staff (2) Public relations efforts designed to inform the general public of the career opportunities in these fields and for the recruitment of students for this program.

Contract Number RDB-A1-016

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: Analysis of Surveys of Illinois Vocational Guidance

PRINCIPAL INVESTIGATOR (S): Richard Bradley

INSTITUTION: Southern Illinois University

LOCATION: _____ Carbondale Illinois 62901
Street City State Zip

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 30,222.00

SOURCE OF FUNDS: Part C $ _____ ; Part B $ 15,960.00 ; Part D $ _____
Amount Amount Amount

OBJECTIVES OF PROJECT:

The investigation was designed to bring about improvements in the pre-service graduate preparation of secondary school counselors. The main area of concentration is on improvements in occupational and educational information courses and focuses on the following questions:

1. What do (a) counselor educators and (b) practicing counselors see as the main focus of graduate vocational preparation?
2. What were the most profitable units of study in such courses?
3. What learning activities would improve the practicality of such courses?
4. What course contents were transferred into practice?

PROCEDURES OF IMPLEMENTATION:

During the 1969-70 academic year the State Board of Vocational Education and Rehabilitation - Division of Vocational and Technical Education helped finance an extensive survey of two groups of counseling and guidance personnel within Illinois. The present research involves the analysis of data collected during fiscal year 1970, synthesis of outcomes, and communication of findings to participants and the vocational guidance profession. During the course of the project entitled "Surveys of Counselor Educators and Secondary School Counselors Concerning Graduate Preparation in Vocational Guidance and Guidance Information Services" 221 subjects were interviewed. This involved face-to-face data collection from the 21 professors at the 14 universities in the state with counselor training programs who taught a course in occupational information during the 69-70 academic year and a sample of 200 practicing school counselors who had taken such courses.

The present project, "Analysis of Surveys of Illinois Vocational Guidance" will take the prior project through the compiling, computing, and reporting stages. A syllabus for an educational and occupational guidance course which reflects survey outcomes as well as descriptive reporting of practices and innovative programs in Illinois will be produced. Every attempt will be made to transform results into educationally relevant form which will give directions for vocational guidance in the 1970's.

Contract Number RDB-C1-017

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: Delinquency Intervention Program in the Carbondale Community High School - Phase III

PRINCIPAL INVESTIGATOR (S): Richard C. Pooley

INSTITUTION: Carbondale High School

LOCATION: 200 North Springer (Street) Carbondale (City) Illinois (State) 62901 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 78,900.00

SOURCE OF FUNDS: Part C $ _____ (Amount) ; Part B $ 58,175.00 (Amount) ; Part D $ _____ (Amount)

OBJECTIVES OF PROJECT:

The Delinquency Intervention Project applies the practice-as research model to achieve its four major objectives. They are: (1) to identify the educational needs of drop-out prone high school students and devise practical ways to intervene in delinquent behavior patterns that are in varying stages of development among some students; (2) to design educational strategies that will cause delinquent-prone youth to become aware of educational and vocational alternatives that are open to them; (3) to provide an opportunity to interact with delinquent youth in an attempt to rehabilitate them, to reduce or eliminate sources of discontent and disruption, and to teach students responsible modes of behavior; (4) to train personnel (teachers, administrators, counselors, and university graduate students) in the strategy of program design and objectives, and to foster resource coordination by a variety of community agencies.

PROCEDURES OF IMPLEMENTATION:

Youths are identified as delinquent-prone on the basis of behaviorally expressed aggression and resistiveness in the high school or community context and/or markedly inferior academic achievement. After initiating interviews and psychometric testing procedures, the youths are assigned to one of three or four "behavior categories" which reflect differing problems and strategies for solution. This "differential treatment" applies also to counselors, who are assigned to work with students in a particular category based on counselor personality, preferences, and testing. Counselors will be assigned as a team to a particular behavior category with the goal of inducing altered response patterns that will result in establishing realistic goals and subgoals, so that the student may experience increasing degrees of success in resolving his problems.

Contract Number RDD-A1-018

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: Air Frame - Power Mechanics Program for Upper Classmen

PRINCIPAL INVESTIGATOR (S): Edward P. Wirth

INSTITUTION: Cahokia Unit #187

LOCATION: 1700 Jerome Lane (Street) Cahokia (City) Illinois (State) 62206 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 35,904.75

SOURCE OF FUNDS: Part C $ _____ (Amount) ; Part B $ _____ (Amount) ; Part D $ 17,300.00 (Amount)

OBJECTIVES OF PROJECT: To provide an innovative type of vocational education program in the area of air frame and air power mechanics which will enhance the future employment opportunities of young men who wish to enter into the aerospace industry; to help us reduce our dropout rate by having the air frame and air power mechanics program serve as a motivating factor for a large number of our male students who are underachievers; to make every effort possible to induce culturally different and disadvantaged youngsters to enroll in this high interest program which will aide in obtaining future employment; to develop a program, in this case Air Frame and Air Power Mechanics, which will provide additional opportunity for those youngsters who wish to have continuing educational training in a vocational type program; and to promote a project which will be an outstanding example of a joint community agency (university) - school cooperative program.

PROCEDURES OF IMPLEMENTATION:

We are implementing a two hour a day program in air frame-air power mechanics study for Cahokia High students extending over a two year period. Youngsters enroll in this program as juniors and will have completed 720 hours of study by the end of their senior year. Parks Aeronautical College personnel are planning and developing a curriculum in air frame and air power mechanics which will encompass the above period of time and be properly geared toward instructing the 16-18 year old student. Content covered in this course includes: piston and jet engine repair, hydraulics, electrical systems, aircraft welding, prop repair, machine tooling, sheet metal (as applies to air frame covering), woodworking, canvas covering (ailerons), and minor structural repair.

Regular Parks Aeronautical College personnel who are presently instructing in their current aid frame-power mechanics will be used in this program.

Extensive air frame and power mechanics laboratory facilities valued at 1.5 million dollars are located on the campus of Parks Aeronautical College, St. Louis University, within the boundaries of Cahokia Unit School District #187.

Employment opportunities have been investigated as relates to various aerospace industries and airport facilities located in the greater St. Louis Metro Area.

Contract Number RDB-D1-020

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: Exemplary Demonstration and Dissemination Center for Project CVIS (Computerized Vocational Information System)

PRINCIPAL INVESTIGATOR (S): JoAnn E. Harris

INSTITUTION: Community High School District #88

LOCATION: 1250 S. Ardmore (Street) Villa Park (City) Illinois (State) 60181 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 30,800.00

SOURCE OF FUNDS: Part C $ _____ (Amount) ; Part B $ _____ (Amount) ; Part D $ 26,550.00 (Amount)

OBJECTIVES OF PROJECT:

The objectives of Willowbrook's exemplary and dissemination center are as follows: (1) To illustrate the capability and feasibility of computer-based guidance systems to other potential users. (2) To provide training sessions for guidance and technical people who may implement the system in their own environment. (3) To disseminate information about the CVIS project through printed brochures, project reports, audio-visual presentations, demonstrations, articles, and speeches. (4) To respond by correspondence to the many requests for information, cost figures, evaluation, etc. (5) To make the computer programs and documentation available for implementation in other settings.

PROCEDURES OF IMPLEMENTATION:

In order to implement the objectives stated above, Project CVIS has a half-time staff member whose primary function is to be available to visitors and to conduct demonstrations. There is also a half-time secretary to assist in the correspondence and preparation of written materials. The project director shares the responsibility for speaking, writing, and hosting of visitors. The total dissemination function is assisted by: (1) A continuous schedule of small group explanations and demonstrations. (2) A brochure which is re-written yearly and project reports. (3) A planned schedule of four workshops per year for potential users. (4) Slide-tape presentations and a 16 mm. film. (5) A planned procedure for provision of documentation and computer program to educational users who request it. (6) Publicity through published articles and books.

Contract Number RDD-B1-021

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: Preparedness Program

PRINCIPAL INVESTIGATOR (S): Troy Simpson

INSTITUTION: Parkland College

LOCATION: 2 Main Street (Street) Champaign (City) Illinois (State) 61820 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 73,632.00

SOURCE OF FUNDS: Part C $ _____ (Amount) ; Part B $ _____ (Amount) ; Part D $ 40,902.00 (Amount)

OBJECTIVES OF PROJECT: The Preparedness Program strives to provide educational opportunities for disadvantaged and under-utilized students. These students are usually academically handicapped as a result of their social and economic deprivations. The project recognizes their marginal functioning and attempts to provide a program that enhances the students ability and potential. The ultimate goal of the Preparedness Program is the adequate preparation of the disadvantaged student to participate successfully in the program of his choice at Parkland College and to realize the significance of continuing education.

Specific objectives are: (1) orient students toward college programs, both career and transfer; (2) Development of competence in reading, expository writing, and computational skills; (3) Exploration of career objectives of individual students; (4) Development of a more positive self-concept within the student; (5) Helping the student achieve to the extent of his ability thereby helping him attain maximum self-fulfillment and self satisfaction.

PROCEDURES OF IMPLEMENTATION: The curriculum is designed to provide a learning environment which will have total impact on the student in the following areas: (1) Academic (2) Social (3) Psycho-Social.

The total curriculum is planned to provide an intense, informative, and supportive environment. This model forces cooperation and togetherness between students because it steers students toward close personal relationships and provides social reinforcement some students need to remain in college and be influenced by it.

The Preparedness Program is developed in such a manner that extensive counseling - group and individual - and information-giving about educational and vocational alternatives require as much attention as academics.

The Preparedness Program uses student recruiters, mass media, staff appearances in the district to recruit students. The curriculum is developed and redeveloped on the basis of receipt of continuing data from faculty and students relative to students' need.

Contract Number RDB-A1-022

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: Feasibility Study of Handicapped Individuals

PRINCIPAL INVESTIGATOR (S): Paul C. Mall

INSTITUTION: Fenger College, City College of Chicago

LOCATION: 11220 S. Wallace (Street) Chicago (City) Illinois (State) 60628 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 10,358.00

SOURCE OF FUNDS: Part C $ _____ (Amount) ; Part B $ 9,131.00 (Amount) ; Part D $ _____ (Amount)

OBJECTIVES OF PROJECT: The feasibility study is designed to identify the various types of disabled individuals, their numbers, their needs, and what educational services the community college can provide.

A. Into what categories of disability may the handicapped people of the Chicago metropolitan area be classified?
B. What is the number of physically handicapped in each of these categories: (1) muscular and neuromuscular (2) skeletal deformities (3) visually handicapped (4) hard of hearing (5) deaf?
C. What is the number of each category of disabled that live in proximity to each college and what are the transportation difficulties that would be encountered by these potential students?
D. What type of special services should or could the college provide each type of handicapped person?
E. Types of special facilities and equipment are necessary.
F. Types of academic, technical and occupational training for the handicapped.
G. What are the levels of employment?

PROCEDURES OF IMPLEMENTATION:

With a view to supplying documented answers to each of the above objectives, the following institutions and organizations will be visited.

1. Chicago Board of Education
2. Division of Vocational Rehabilitation
3. Chicago Catholic Board of Education
4. Jewish Vocational Services
5. National Easter Seal Society for Crippled Children and Adults
6. University of Illinois
7. Southern Illinois University
8. Illinois Employment Service
9. Veterans Administration Hospitals
10. Chicago Chamber of Commerce

Contract Number RDD-A1-024

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: Aviation Mechanics Program

PRINCIPAL INVESTIGATOR (S): Edward Blue

INSTITUTION: East St. Louis School Dist. #189

LOCATION: 240 N. 6th Street (Street) East St.Louis (City) Illinois (State) 62201 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 20,026.00

SOURCE OF FUNDS: Part C $ _____ (Amount) ; Part B $ _____ (Amount) ; Part D $ 17,100.00 (Amount)

OBJECTIVES OF PROJECT: General Objectives: (1) To provide a broad training for boys whose choice of a career lies in the mechanical branches of the aviation industry. (2) To develop worthy citizens who are prepared to take their places in a democratic society.
Specific Objectives: (1) To give boys an opportunity to acquire the knowledge and skills required for employment at the beginning level of various jobs in aviation mechanics. Their training is intended to enable them to secure such employment in production, maintenance or operations. (2) To give boys training in the basic skills involved in the manufacture, maintenance and overhaul of airframes and aircraft power plants. Involved is work with wood components, assemblies, fabric, sheet metal, control systems, electricity, hydraulics, welding, and the use of hand and shop tools and equipment. (3) To provide an academic and scientific background for boys who intend to enter the aviation or closely allied trades. The acquisition of proper work habits and attitudes, in addition to knowledge and skills that constitute the essentials of a good vocational high school course.

PROCEDURES OF IMPLEMENTATION:

The training is to be done by the Belleville Area College at Bi-State Parks airport. The students are to be taken to the college facilities by school bus every day for two years. The first year is to be devoted to the study and repair of aircraft engines while the second year is to be devoted to the study and repair of the airframe.

Contract Number RDB-D1-025

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: Joint Occupational Orientation Project: An Experimental Approach to Vocational Education

PRINCIPAL INVESTIGATOR (S): E. A. Ebert

INSTITUTION: Libertyville School Districts No. 70 and 128

LOCATION: 708 W. Park Avenue (Street) Libertyville (City) Illinois (State) 60048 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 39,097.00

SOURCE OF FUNDS: Part C $ _____ (Amount) ; Part B $ 29,323.00 (Amount) ; Part D $ _____ (Amount)

OBJECTIVES OF PROJECT:

The school is to make activities and materials relevant and meaningful to the potentially alienated student.

The elementary school must identify at their level those students who possess the characteristics of potential drop-outs and then a program implemented. These programs must be designed to guide students to the ultimate goal of graduation. Cooperation between elementary and secondary schools is of prime importance.

The secondary school must provide educational experiences that will equip the potential drop-out with skills that will make him a productive citizen in our society. Pre-vocational concepts are woven into an academic program which will also stress reading improvement.

PROCEDURES OF IMPLEMENTATION:

Through flexible scheduling the Junior High School has found it is possible to have this group together for two to three hours daily. In this time, pre-vocational concepts, generalizations, and experiences will be used to teach the skills and concepts needed. Concepts and skills from relevant disciplines will be integrated into this learning activity. Non-verbal materials will be made available to this group. Various occupations, businesses and industries will be visited as a group experience. A given child may be placed with a cooperating agent for a brief period of time and released from school for an individual experience of an observational nature.

The high school plan has emphasized (1) a block of time curriculum modification stressing the utilitarian value of basic subjects and vocationa, (2) group and individual guidance, (3) individualized scheduling and instruction, (4) utilization of courses in the basic curriculum that would assist in career fulfillment.

Class work in this self-contained classroom involves lectures, discussion groups, films, individual instruction, and independent study. Guest lecturers talk with the students about the occupational opportunities in their fields and solicit questions relative to their industries. Field trips have definite purposes in this class. Primarily, they give students an excellent picture of the many job opportunities available within each business and the working conditions prevailing in those industries. In addition, field trips provide students with a better sense of the geography and sociology of their community and surrounding area.

Contract Number RDB-A1-026

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: Technical Physics

PRINCIPAL INVESTIGATOR (S): Clifton H. Matz

INSTITUTION: Parkland College

LOCATION: 2 Main (Street) Champaign (City) Illinois (State) 61820 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 28,330.00

SOURCE OF FUNDS: Part C $ _____ (Amount) ; Part B $ 21,212.00 (Amount) ; Part D $ _____ (Amount)

OBJECTIVES OF PROJECT:

1. Develop a meaningful physics program for students who do not aspire to a four-year college education.

2. Provide the necessary skills and content in the physical sciences which students need for success in vocational and technical programs.

3. Provide the essential additional mathematics skills necessary for a student to study specific physical science content.

4. Improve the motivation of those students preparing to enter vocational or technical programs or immediate employment.

PROCEDURES OF IMPLEMENTATION:

The materials will be available in very limited quantities for our pilot schools this fall (1970). The pilot high schools are Rantoul, St. Joseph-Ogden, ABL, and Villa Grove. The materials will also be used at Parkland in the Technical Physics classes. The initial counseling phase is completed. Each of the schools has enrolled enough students for at least one class. The counselors will continue to cooperate throughout the year.

Nine monthly workshops will be held with the pilot teachers to discuss and evaluate the materials. The project should extend for at least two years so that we may revise the content of the materials and evaluate the results of student achievement through their first year in a collegiate technical program.

Contract Number RDD-B1-027

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: Exemplary Demonstration and Dissemination Center for Project CVIS (Computerized Vocational Information System)

PRINCIPAL INVESTIGATOR (S): JoAnn Harris

INSTITUTION: Villa Park (Willowbrook High School)

LOCATION: 1250 S. Ardmore (Street) Villa Park (City) Illinois (State) 60181 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 30,800.

SOURCE OF FUNDS: Part C $ _____ (Amount) ; Part B $ _____ (Amount) ; Part D $ 26,550. (Amount)

OBJECTIVES OF PROJECT:

1. To explain and demonstrate the CVIS system to all of those who wish to visit Willowbrook.
2. To disseminate information about our development and evaluation to the educational community.
3. To give in-service training to other potential users.
4. To answer the specific inquiries of interested agencies or educational institutions.

PROCEDURES OF IMPLEMENTATION:

Anyone who wishes to see the CVIS project may do so by contacting Miss Lorraine Foster at Willowbrook High School for an appointment. Visual aids and printed materials are used to supplement the demonstration. A flyer will be mailed to all schools in Illinois this fall explaining the CVIS project and inviting guidance personnel and administrators to visit.

Various materials are available for mailing: an explanatory brochure, an evaluation report, a film entitled "The Computer That Went To Schoo," final reports, and copies of all scripts. In addition, CVIS team members are available for speaking engagements and have done considerable writing for professional journals.

Four dates have been set for the school year 1970-71 for in-service training workshops at Willowbrook. Contact - CVIS project director, Willowbrook High School, Villa Park, Illinois - 60181 for further information.

Miss Lorraine Foster the Project Director will respond to individual inquiry letters seeking information beyond that readily available in printed form.

Contract Number RDC-A1-028

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: An Exploratory Analysis of Differential Program Costs of Selected Occupational Curricula in Selected Illinois Junior Colleges

PRINCIPAL INVESTIGATOR (S): Robert M. Tomlinson

INSTITUTION: University of Illinois

LOCATION: 51. E. Armory Ave. (Street) Champaign (City) Illinois (State) 61801 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 5,671.00

SOURCE OF FUNDS: Part C $ 5,671.00 (Amount) ; Part B $ _____ (Amount) ; Part D $ _____ (Amount)

OBJECTIVES OF PROJECT:

A. Provide differential program costs within the limitation of available data from the Illinois Junior College Board and collectable data limited by the time period of this project.

B. A review and report of alternate methods of allocating program costs to various occupational curricula.

C. Determine collection and analysis procedures necessary to effective differential program cost data.

D. Provide recommendations for data collection and analysis necessary to an effective program cost differential system.

PROCEDURES OF IMPLEMENTATION:

A. Review of current methods of determining costs and allocating resources to occupational curricula.

B. Review of procedures, data and analysis of program cost information available from the Board of Vocational Education and Illinois Community College Board.

C. Development of various differential cost analysis procedures to be used in identifying program costs based upon available data and data which may be obtained during the collection period assigned to this project.

D. Determination and evaluation of the procedures to be used through use of sample data and alternate allocation procedures.

E. Verification of collected data and additional collection where applicable through on-site visitations at selected junior colleges.

Consideration will be given to existing state data collection and analysis procedures, needs of the Division of Vocational and Technical Education and procedures necessary for a data collection system to provide differential costs for various programs.

Contract Number RDC-A1-029

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: Analysis of One and Five Year Plans of Local School Districts for Vocational Education

PRINCIPAL INVESTIGATOR (S): Wm. Rogge

INSTITUTION: University of Illinois

LOCATION: 342 Administration Bldg. (Street) Urbana (City) Illinois (State) 61801 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 9,266.00

SOURCE OF FUNDS: Part C $ 9,266.00 (Amount) ; Part B $ _____ (Amount) ; Part D $ _____ (Amount)

OBJECTIVES OF PROJECT:

The prime objective of the project is to ascertain the effectiveness of the local plans, submitted to the state as a basis for state funding of local vocational programs, in (1) encouraging and focusing local planning efforts; (2) meeting state and national priorities as expressed through the 1968 Vocational Amendments and State of Illinois Guidelines; and (3) guiding actual local program development after the local plan has been approved by the state.

PROCEDURES OF IMPLEMENTATION:

1. All local plans submitted to the state will be analyzed by a protocol that reflects national and state priorities.

2. A sampling of plans will be selected and then the districts submitting the plan will be visited to ascertain to what degree the plans truly reflect actual activity at the local level, including developmental activities.

3. The results will be summarized for state in-house use. After reactions are collected, two reports will be prepared, one for state staff use and one for general distribution.

Contract Number RDB-A1-030

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: A Special Analysis of Vocational Education in the City of Chicago

PRINCIPAL INVESTIGATOR (S): C. Joseph Ehrenberg

INSTITUTION: C. Joseph Ehrenberg & Associates

LOCATION: 5637 S. Kenwood (Street) Chicago (City) Illinois (State) 60637 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 33,600.00

SOURCE OF FUNDS: Part C $ _____ (Amount) ; Part B $ 33,600.00 (Amount) ; Part D $ _____ (Amount)

OBJECTIVES OF PROJECT: This project deals solely with the City of Chicago.

1. Examine the existing structure and content of both public and private vocational education.
2. Relate this structure and content to stated objectives of vocational education system.
3. Determine how vocational education is presently serving the city and to what degree such service is real and adequate.
4. Project overview of occupational and training needs related to vocational education over the next decade.
5. Examine role and needs of business and industry in vocational education.
6. Recommend modifications in structure and content where needed and appropriate.

PROCEDURES OF IMPLEMENTATION: Under the guidance of an Advisory Committee composed of educators, businessmen, government and agency personnel, and the project director, the project will undertake:

1. A comprehensive search and familiarization with literature and legislation concerning vocational education, its goals and objectives.

2. A field Investigation of vocational training programs in Chicago public schools, in private schools, in special agencies, and in business and industry. (The investigation will rely mainly on interviews, observations, and questionnaires for the gathering of data.)

3. An interim report will be prepared in December indicating initial progress and learnings from the Field Investigation.

4. A Final Report in late April will be prepared which will include the analysis and the recommendations appropriate.

Contract Number RDD-A1-032

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: Special Programs for Vocational and Occupational Preparedness

PRINCIPAL INVESTIGATOR (S): Daniel S. Hurd

INSTITUTION: DeKalb County Special Education Association

LOCATION: 100 West Lincoln Highway (Street) DeKalb (City) Illinois (State) 60115 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 70,476.00

SOURCE OF FUNDS: Part C $ _____ (Amount) ; Part B $ _____ (Amount) ; Part D $ 15,500.00 (Amount)

OBJECTIVES OF PROJECT: (1) to serve as a demonstration center for the school year 1970-71 for interested persons in the establishment and development of special programs for mentally handicapped students with major emphasis upon vocational training and its relationship to the mentally handicapped student. (2) To help in the development of curriculum materials at the junior high and senior high level with major emphasis upon helping the student to prepare for the "world of work." (3) To hold in-service meetings for middle, junior and senior high students for students with special needs and mentally handicapped students. (4) To assist and aid teachers in developing vocational materials, new avenues of approach with vocational emphasis to academic learning for students with special needs and mentally handicapped students, and development of a "theory of practice." (5) To establish procedures for each junior high, middle high, and senior high with the administration and staff at each center and establish procedures for each visit.

PROCEDURES OF IMPLEMENTATION:

We are suggesting the employment of one full-time person for the 1970-71 school year to prepare and manage all requests for information, curriculum materials, and other items of interest that could be forwarded in prepared written forms, check lists, and informational printed data. This person would also be involved in arranging various tours by persons interested in seeing these vocational programs throughout the county and could, through screening processes, indicate to the persons interested in observing vocational education the type of program that might best suit their needs and the easiest program to relate to the home school building from where the persons come.

The full-time person would be working in the schools listed in appendix I. The budget would also include funds for printing, material gathering, and other such expenses incurred in the demonstration project.

The ancillary services of the pupil personnel teams involved in the program, the special handicapped and deprived vocational educator's time involved in developing and demonstrating their program and services, as well as the clerical help, machines, telephone, and other such available services would be donated by the districts and the DeKalb County Special Education Association involved on an in kind basis.

Contract Number RDB-A1-034

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: Metropolitan Programs in Applied Biological and Agricultural Occupations: A Need and Attitude Study

PRINCIPAL INVESTIGATOR (S): Hollie B. Thomas

INSTITUTION: University of Illinois

LOCATION: _____ (Street) Urbana (City) Illinois (State) 61801 (Zip)

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 23,244

SOURCE OF FUNDS: Part C $ _____ (Amount) ; Part B $ 15,000 (Amount) ; Part D $ _____ (Amount)

OBJECTIVES OF PROJECT:

The purpose of this study is to ascertain the need for and feasibility of establishing applied biological and agricultural occupations programs in the metropolitan area of Chicago; thus, the objectives of this study are as follows:
1. To determine the employment needs in specified areas of applied biological and agricultural occupations in the Chicago metropolitan area. 2. To determine attitudes of students in metropolitan areas concerning applied biological and agricultural occupations. 3. To determine the attitude of school administrative personnel regarding offering programs in applied biological and agricultural occupations. 4. To ascertain the attitudes of teachers in metropolitan and agricultural occupations and to ascertain if the teachers in the identified schools systems are prepared or are willing to prepare to teach courses in applied biological and agricultural occupations.

PROCEDURES OF IMPLEMENTATION:

The proposed procedures are as follows: 1. Develop the instruments to be used to collect data. Data to be collected from four populations: employers, students, administrators, and teachers.
2. Identify and sample the populations to be included in the study.
3. Collect data from each of the populations.
4. Analyze all data to ascertain frequencies, averages, percentages, ranges, projections appropriate to the data.
5. Complete the final report to be submitted to the Division of Vocational and Technical Education.

Contribution to Vocational and Technical Education:

It is anticipated that the results of this study will provide the data which would provide support for the development of applied biological and agricultural occupations programs in the metropolitan area of Chicago and establish a base line of attitudes with which program developers will be confronted when program implementation procedures are started.

Contract Number RDB-A1-035

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: State Survey of Home Economics Programs in Illinois

PRINCIPAL INVESTIGATOR (S): Dorothy Keenan

INSTITUTION: Southern Illinois University

LOCATION: _____ Carbondale Illinois 62901
Street City State Zip

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 6,204.00

SOURCE OF FUNDS: Part C $ _____ ; Part B $ 4,740.00 ; Part D $ _____
Amount Amount Amount

OBJECTIVES OF PROJECT:

The survey is to gather base line quantitative data about the home economics programs in operation during 1970-71 in grades 6 through 12 in the public schools of the State of Illinois. Such information is needed in order to determine the degree to which Illinois has responded to the directives for home economics education which have been given in the Vocational Education Act of 1963 and the Vocational Amendments of 1968. It is planned to develop an instrument which can be used periodically as an aid in evaluation and program planning at both state and local levels.

PROCEDURES OF IMPLEMENTATION:

A Survey form is being prepared which will request information from home economics teachers relating to existing home economics course titled, the nature of the courses, (gainful, useful, consumer education, pre-vocational, etc.) the period length, course length, enrollment, and the names of instructors involved. A statement about changes being considered for the programs will also be solicited. The returns will be analyzed and a status report prepared for the Illinois Division of Vocational and Technical Education, the officers of the Illinois Vocational Home Economics Teachers Association, the institutions in the state preparing home economics teachers, and other interested persons.

Contract No. RDB-A1-037

ABSTRACT FOR RESEARCH PROJECT
FUNDED BY ILLINOIS RESEARCH AND DEVELOPMENT UNIT

TITLE: An Analysis of Secondary Area Vocational Centers in Illinois

PRINCIPAL INVESTIGATOR (S): Edward T. Anderson and Wayne Zook

INSTITUTION:

LOCATION: _____ Normal Illinois 61761
Street City State Zip

PROJECT DURATION: From 7/1/70 to 6/30/71 Funding FY 1971 $ 34,172.

SOURCE OF FUNDS: Part C $ 27,670. ; Part B $ _____ ; Part D $ _____
Amount Amount Amount

OBJECTIVES OF PROJECT:

1. To analyze the existing funded Secondary Area Vocational Centers by ascertaining the following:
   a. Length of operation
   b. Number of students served
   c. Maximum capacity
   d. Total square footage
   e. Percent of secondary students served
   f. Credit cost
   g. Amount of local and federal funds expended
   h. Articulation programs in cooperating districts
   i. Population
   j. Employment trends
   k. Total school enrollment of schools in proximity to the Area Vocational Centers
   l. The relationship of money expended for area vocational centers and the total expenditure for vocational education in Illinois
   m. The relationship of Secondary Area Vocational Centers and the Service regions in Illinois

PROCEDURES OF IMPLEMENTATION: The analysis of Secondary Area Vocational Centers in Illinois is to be a descriptive study designed to meet the objectives cited in section two. The study will be conducted in two phases.

Phase I will consist of an expansion of the descriptive materials reported in Part I, Bulletin No. 28-1070, State Board of Vocational Education and Rehabilitation. Staff members will collect data via personal interviews, questionnaires, and community surveys. The data will be presented in an interim report along along with the notation of trends and development early in December of 1970.

The second phase will consider population, manpower, and other pertinent trends involved in proper planning for the future. Comparisons between the descriptive data collected and analysis of the foregoing factors will serve as the basis for drawing conclusions, making recommendations and suggesting directions for the future. Phase II is scheduled for completion June 30, 1971.

In conjunction with the two administrative phases of Part II, project personnel will seek the services of an advisory group consisting of a representative from the Office of the Superintendent of Public Instruction, Superintendents of Public Schools, Directors of Vocational Education, and representatives from the Division of Vocational and Technical Education. This advisory group will assist throughout both phases of Part II of the study. In addition to the advisory group, the University Liaison officers and members of the Program Planning and Approval Unit will be consulted during the latter part of the study.

Contract Number RDD-A1-039

ABSTRACT FOR CONTRACTUAL AGREEMENT
WITH THE DIVISION OF VOCATIONAL AND TECHNICAL EDUCATION

TITLE: Demonstration Center for a Comprehensive Home Economics Program in a Medium-Sized High School

PRINCIPAL INVESTIGATOR (S): Mary Beth Stine

INSTITUTION: Flora Township High School

LOCATION: 600 South Locust (Street) Flora (City) Illinois (State) 62839 (Zip)

REQUESTED ANNUAL BUDGET: Local $21,650.00 DVTE $9,914.00 Total $31,564.00

OBJECTIVES OF PROJECT:

1. To allow schools (administrators and teachers) of similar size and structure to have the opportunity to observe at any time during the year a total home economics program in action (Useful, Gainful and Consumer & Homemaking) and to allow other schools in this area to observe the ways a total program can be funded.
2. To share published and unpublished materials with administrators and teachers in both the areas of consumer and homemaking education, as well as in personal and public service occupations.
3. To provide an opportunity for exchange of ideas among schools of similar sizes by holding a drive-in conference in the fall for those interested in seeing a total program in action.
4. To provide consultant service through a later workshop in both consumer and homemaking and personal and public service occupations. Total program concepts will be discussed before submitting to the State Board of Vocational Education.

PROCEDURES OF IMPLEMENTATION:

1. The school will be available for observation purposes during the entire school year.
2. A special drive-in conference will be held for administrators and teachers which will include observing a total program in action as well as observing on-the-job training of gainful employment and child care occupations.
3. A Follow-up workshop will be held in mid-winter.
4. A resource center for teaching aids, illustrative material, curriculum guide, texts, workbooks and other information will be available for all persons visiting the demonstration center during the year.
5. A brochure will be mailed to schools recommended by the State Board of Vocational Education.

CONTRIBUTION TO VOCATIONAL & TECHNICAL EDUCATION: We wish to help any school achieve a three-fold program of useful, gainful and consumer homemaking education with the same ease and satisfaction we have experienced. We wish to pass along our experiences that it might help others. We wish to make available our facilities and our program files to all who wish to see how a medium-sized high school in a small community can meet the requirements of the Vocational Education program and at the same time fill the needs of all students interested in the 3 phases of Home Economics. We would hope that our experience in building the program, keeping it in operation, and planning for the future would be helpful to those schools who so far have been hesitant in starting this type of program. We hope to create a more positive attitude towards the new type of home economics program. Perhaps better communication and good public relation would be one of the overall goals of the demonstration center.